households at the lower end of the social scale is high and increasing, the mass of the population is trying to survive at the margin. Any crisis or unexpected event can lead to disastrous livelihood conditions.

4.3.1 Crop-farming

Where crop-farming is the dominant activity coping strategies in times of need are centred around the collection of green plant (lakh), a wild spinach-like plant which is collected in the mountain valleys, dried and eaten in a watery soup. The gathering of this naturally available plant is a strong indicator for deficient grainproduction and the failure of other sources of income. The length of the "green plant" eating period – which causes quite severe weakness and fatigue - as neither protein, oil and salt are available shows how big the production deficit is. We were told that these periods could be as long as four months for certain households.

An important crop for the poor is Lathyrus sativus (krosh) which when consumed in too high quantities causes lathyrism, well known in other parts of the world as well. Paralytic symptoms occur and could finally lead to death. In Wakhan the palsy appearance is popularly called "polio" as many people appear to have lost full control of leg and arm movements and their sense of equilibrium is fading. The krosh crop is appreciated by the poor not only because of good yield even on poor soil, but as well as it is the early ripening crop in summer-autumn and its harvest concludes the summer starvation period. The occurrence of lathyrism is a strong indicator for the present risky living conditions, a smaller dosage of krosh in the daily diet would be less detrimental for health.

Seed selection and/or rotation is not part of tradition. With improved wheat varieties and faster growing barley varieties yield could be increased and harvests could be available earlier. Presently the farmers basically produce their own seed and are always challenged by the option to keep seed or to eat it. This conflict has been addressed through NGOs (FOCUS and now Aga Khan Development Network (AKDN)) by distributing wheat packages and by the operation of wheat and grain stores in the villages where on an interest-free basis wheat (and mineral fertilizer) loans can be acquired within certain margins. The loan has to be returned after harvest. The same system of wheat loans is part of the tradition - not only in Wakhan, but in neighbouring valleys as well. The religious taxes (zakat) are collected in kind and stored in the villages. In times of shortage the religious leaders give wheat to the needy as a gift or on loan basis. This storage system could be identified as

a local coping strategy to share and reduce risk a avoid social unrest in the local communities.

When NGOs have offered mineral fertilizer fa readily accepted the offer and confirmed that yie creased significantly. No farmer admitted that h had purchased fertilizer on his own account in a b In Wakhan landholdings in general are too sm. fallowing with the exception of the leading fa who can afford that practice. During our intervie were surprised how little efforts had been underta the recent past in respect of bringing new land cultivation. The construction of irrigation cha the improvement of sedimentation tanks to filt suspended matter from "glacier milk" (without nutritional and soil-improvement value) and the opment of new village lands are prime targets for future improvement of the physical agricultural structure.

4.3.2 Livestock-keeping

The aspect of herd sizes and the varying app tion and importance of livestock for the agricu practices have been mentioned above. Her same applies like in other communities (cf. EHL) Kreutzmann 2000):

- Bovines are mainly kept for domestic purpos Wakhi and Kirghiz households cows and yaks ar for milk production and its immediate consumpt part of their basic diet of salted milk tea and h In cases of surplus all components of the milk ar cessed into yoghurt, butter and qurut (protein-rick from boiled-down and dehydrated butter milk).
- Ovines are bred for the markets. The val exchange commodity of fat-tailed sheep appear be the prime currency in barter trade. While V farmers exchange the occasional sheep and the affluent up to five, the Kirghiz tend to market animals as they rely on the exchange value of livestock for their wheat flour needs in total.

Livestock-keeping and animal breeding are prone undertakings. If successful the return ra profits is higher than in crop farming, but the risk lure due to disasters and diseases is higher. The happened to the breeders in the spring of 2003 late snowfalls caused heavy losses in livestock. In tion in some villages such as Qala-e Panja anima eases (including foot-and-mouth-disease) reduce herd sizes to nearly half. The villages with a repu of prevalent animal diseases are not accepted with herds in summer pastures and grazing grounds they share with others. No veterinary service has approachable for them.

n some villages the provision of winter fodder is a reity factor for livestock-keeping. The prolonged d season affords substantial stocks of green fodder d straw. Some villages do not bring back their live-ck in winter, they keep it either in the Great Pamir tures (cf. Fig. 1) such as Djilmasirt where normally snowfall occurs than in the permanent settlements they give their livestock to the custody of Kirghiz mads for the cold season which costs a fee. Only a households with significant herds follow these praces. There are quite a number of Wakhi households h no livestock at all.

Education and health

The assessment of the educational status and the ext of accessible health facilities is characterized by the ervation that even where there are facilities the ality is extremely poor. Although the first primary ool of Wakhan was established in Qala-e Panja arly half a century ago the quality and effect of educion is appalling.

There are 13 schools (Tab. 1) which basically do not erve that physical description. The buildings are pty and naked mural structures without doors, winves and glass panes. Furniture is not existing, rarely a ck board is available and/or a wooden log for sitting angements. The assessment of this deficit was overnee by Unicef in providing tents as classroom recements to several villages. A single tent costs US \$0. In most cases at least three or four of these tents be provided. For the sum spent on tents longer-last-buildings could have been constructed by the village numurities thus creating a few paid jobs to the local fismen. Residents rate education as high on their

le 1: Schools in Wakhan schulen in Wakhan

nary ool	Secondary school	High school (up to class 12)
rk	Futur	Qazideh
und ently upgraded ec.)	Pigash	Khandut
	Qala-e Panja	
aur	Babatangi	
ı Ghulaman vchun	Sarhad-e Wakhan	

ce: own survey in July 2003

Table 2: Class attendance and gender distribution in Qala-e Panja secondary school

Klassengrößen und Verteilung von Schülerinnen und Schülern in der Sekundarschule in Qala-e Panja

Class	Boys	Girls	Percentage of girls
1	18	11	37.9
2	13	14	51.8
3	17	11	39.3
4	15	6	28.6
5	10	5	33.3
6	8	3	27.2
7	11	4	26.6
8	12	1	7.7
9	12	0	0

Source: data provided by headmaster Aminuddin, July 2003

priority list and send their children on daily sojourns to school which could last up to three hours per way. In winter schools are closed for three months. The attendance was fairly good during our unannounced visit. The high attendance might be contributed to the fact that during the last two months daily a ration of tetra milk packs was issued to the students and teachers (sponsored by Aga Khan Foundation and the US Department of Agriculture).

The attributed high priority to education is difficult to be comprehended. Generally girls are sent to school for basic instruction up to class 6 (Tab. 2). In higher classes the participation of girls is fading. Nobody could name us a girl which had finished high school in Wakhan yet. The only persons who go through the whole system are some boys. If they manage to attend school up to the final class they are predestined for becoming local teachers in their villages. All teachers in Qala-e Panja secondary school qualified either from Khandut or Ishkashim high school. None of them had received further education not to mention teacher's training. Last year was the first year since many that teachers received a salary of 1,500 Afghani per month. Since December 2002 no salaries have been paid to teachers and other government employees. The teachers claim that they still survive on savings from last year's payments and their afternoon engagement in agriculture. In all of Wakhan we heard of two female teachers, one seems to be an experienced person who is teaching for a long time. The second female teacher originates from Pakistan and married a Wakhi migrant worker before settling with her spouse in Wakhan. She got eight years of schooling in the Chupursan valley in Hunza, sufficient to become a teacher here. The em-

phasis parents put on education might relate to the observations of migrant workers in Pakistan where the standard of education (at least in the Ismaili communities) is much higher and has enabled the people to generate a comparatively better living standard. A recent survey in the central and upper settlements of Wakhan revealed: Adult literacy is 14% for men, 3% for women. 60% of the 7-14 year-old boys and 22% of the 7-14 year-old girls surveyed are attending school (DUNCAN a. Duncan 2002, 3).

Again we could not find a single student who continued education after leaving high school and who built a professional career through further studies. The observation reflects the poor quality of teaching. No school books are available, in Qala-e Panja. The headmaster Aminuddin stated that out of the 67 households (app. 600 persons) in Qala-e Panja only 5 to 6 families can afford to purchase school books. Some classes⁴⁾ are taught with only one book in the hand of the teacher. Besides providing school tents Unicef engaged in the distribution of teaching materials as well. To improve the quality of teaching it is required that buildings receive a facelift, teachers are trained, not only within the subjects which is more than necessary, but as well in methods of teaching.

Although the teachers are mainly from the own community complaints about their social behaviour could not be overheard. There seem to be a number of teachers involved in opium (teryak) consumption, if not in distribution and trafficking. This accusation was stated in a written complaint with the newly appointed governor of Badakhshan in Faizabad.

Health infrastructure is lacking to a great extent. There is no permanent health clinic or a co-ordinated community health programme in Wakhan. Presently two clinics are under construction in Ishkashim and in Khandut. AKDN plans to establish them as focal points for the provision of access to health facilities. At present none is operating. In addition, there is a clinic in Ishkashim jointly operated by Médecins sans frontiers (MSF) and the Ministry of Public Health in Ishkashim. Here general practice is available and ten beds are available for in-patients, not exclusively reserved for patients from Wakhan, but as well for ailing people from Ishkashim, Zebak and Gharan. In August-September 2003 MSF is opening a TB clinic in Ishkashim. It is expected that 120 TB cases are to be registered in Badakhshan. In order to avoid the spreading of tubercolosis a thorough therapy under strict control is at. In June 1999, a medical doctor and a nurse MSF visited Wakhan and reported about a 46% nutrition among children. In August 2002, MSF s to train four workers to run 'health posts' in four tions between Qala-e Panja and Qazi Deh in a mo to provide the very basics in locations which can cessed under a two-day journey.

The Pesawar-based NGO Orphans, Refugee Aid International (ORA) was operating two opiu dicts rehabilitation centres⁵⁾ from 1998–2001 in Deh and Khandut with mixed success which fina to the closure due to the lack of previously provid funds. Nevertheless, ORA is back in Wakhan v project in health training. The programme is bas a survey (data basis is one in three households viewed, DUNCAN a. DUNCAN 2002) which highli the poor state of health and lack of facilities. The mortality rate of 41 per 1,000 population per (67% of these deaths are children under 5 years of is higher than Afghanistan's average which in it among the highest in Asia. The difficult situation children is reflected in the figure of 314 per 100,0 the mortality rate under 5 years. Poor state of hy lacking access to medical check-ups and profes treatment are the general features to be addressed

- Main causes of death in children under 5 a explained neonatal death, respiratory illness, m and abdominal causes.
- 25% of 2 year olds and 50 % of 1 year olds malnourished.
- Vaccination coverage is around 75% for m and polio, but only 35% for DTP and BCG.
- 49% of women of child-bearing age have h tetanus toxoid vaccination and only 18% have 3 doses (DUNCAN a. DUNCAN 2002, 3).

The ORA approach seems to be a sensible app to mitigate the severe shortcomings in child ca training local women in the field of traditional bir tendance, hygiene and child feeding. It will be a way to go for Wakhan to have any kind of acc medical facilities, especially in cases of emergence

⁴⁾ Subjects taught include: Dari, Pashto, Arabic, English, Mathematics, Chemistry, Physics, Biology, Geography, Ethics, Holy Quran, Hadith, History, and Physical Education.

⁵⁾ These so-called Najat clinics were not only opera Wakhan, but as well in other border districts such as S nan, Zebak and Ishkasim with a high drug addiction lem. Opium (teryak) was traditionally the only medica available and functioned as an appetite suppressant same time. Therefore in times of tension and supply ages opium consume has increased as well in the Wakl the Kirghiz areas. In the mid-1970s SHAHRANI (1979) estimated that about one hundred persons were cons opium regularly. This number is now significantly high

Regional mobility

Outmigration is a well-known coping strategy not in mountain regions but very common and part the tradition in the Hindukush, Karakoram and airs. In the Wakhan context our interview partners firmed that outmigration in times of little or less cultural work was quite common especially during there are two target regions of partar interest for migrants:

During the period of internal insecurity within nanistan when it was not safe to travel on domestic ls a number of males sought an outlet by taking-up loyment in Pakistan, in particular in the Ismaili ements of Chitral, Gilgit and Hunza. In contrast to onal migration into neighbouring Chitral the jourto Gilgit and Hunza afforded an investment which ld only be feasible for longer periods. We interred some Wakhi who had spent between one to e years there. The climax of this migration seems to ver due to a number of reasons. First of all, wages not particularly high in Pakistan and it is a measure lire needs to go there for prolonged stints of work. ond, the Pakistan authorities have made it more dift for Afghan citizens to stay in Pakistani villages e 9/11 when village searches were executed in orto send illegal migrants back to Afghanistan. Third, resent the political relations between Afghanistan Pakistan are strained with the effect that the two or passes connecting the region with Chitral – Shah n con-necting Zebak with the Lutkoh valley, and oghil between Sarhad-e Wakhan and the Yarkhun ey - are closed for migrants and exchange. Aligh crossing is presently not impossible the cost of elling increases under those circumstances and the r are the first who cannot afford such an investment. ertheless, our interview partners reported about a iber of males in Pakistan at present of whom they e no news at all. These migrants are just relieving household from an additional eater, but are nory not in a position to save anything from their es and/or to send remittances of any kind to suptheir families in Wakhan.

Since the last two years major changes have oced. More people have left Wakhan for other areas Badakhshan such as Baharak and Faizabad, and for Tarkhar and Qunduz to seek low-paid emment in Afghanistan as load-carriers, labourers in I construction and as helpers in bazaars. The same ies here that basically no savings can be accumul from those wages and that not much communicatakes place between migrants and their family abers. Outmigration in general could be reduced further by more work opportunities locally. The presently executed food-for-work programme along the Wakhan road has proved the severe need for non-agarian income to cope with the production deficits from agriculture.

4.6 Non-agrarian income generation through wages and salaries

Within the valley there does not exist a cash economy for hiring wage labourers. Most of the business is executed in a barter system. The village specialists such as masons, carpenters, blacksmiths, weavers, supervisors of irrigation channels (mirab) and owners of water-mills (khedorg) are remunerated once a year by the concerned households for which they offer their services through a small quantity of grain, or in the case of several days of continuous work through food provided during their working period plus a certain quantity of wheat for the work (Tab. 3).

The group which is eligible to draw a salary was called by sociologist Hamza Alavi the "salariat" and could be one of the very influential in local politics and being a role model for commitment to education (ALAVI 1989). In Wakhan the government officials including the Woluswal and his assistant belong to this group. The biggest group is comprised of teachers and conscribed soldiers and militiamen. All have in common that no salary of any kind was paid to them in 2003 up to today. Some of our interview partners claimed that they still have some savings from last year's payment which was one of the first in so many years and which established some trust in the Karzai Government. People were reminded of Najibullah's rule, the last time of regular salaries in this remote part of Afghanistan.

4.7 Exchange economy and entrepreneurship

Despite the fact that basically there is no cash economy in Wakhan money as a unit of calculation and fixing barter values plays a major role and the new "Karzai money" is the unit of calculation in Afghani. Prices differ quite substantially from location to location. Transport of goods from the bazaars in Kabul, Jalalabad, Qunduz and Taloqan permit their investors some substantial gain. Improved road conditions from the major urban centres to Faizabad and Baharak and onwards to Ishkashim have lowered transport costs and increased the frequency of vehicle arrivals in Ishkashim. While four years ago the bazaar of Ishkashim was very small with less than 50 shops of which only a few were open, the bazaar infrastructure has changed and the bazaar has grown to more than 300

shops which mainly have been constructed during the last two years and attracted local vendors and a few affluent and potent businessmen from Baharak and Faizabad. The latter are the two major supply centres for Ishkashim and consequently for Wakhan.

It is difficult to establish how many vehicles are arriving in Ishkashim on a daily basis as seasonality is of importance. During our last stay about five vehicles – mini busses, pick-ups and/or trucks – arrived in Ishkashim per day. According to the Ishkashim Woluswal, Syed Imran Khan, the cost of transporting goods was previously about 40–45 Afghani/ser and has nowadays come down to 10 Afghani/ser for goods from Baharak and 15 Afghani/ser from Faizabad. A further 30 Afghani/ser could be required to bring goods to the end of the Wakhan road to Sarhad-e Wakhan (about 20 Afghani to Qala-e Panja).

A big rush of vehicles occurs when the businessmen (saudegar) arrive in spring to give goods on loan to the villagers in Wakhan Woluswali. They are meant to pay back their dues in autumn through wheat and livestock at higher costs (Tab. 4a). The middle column gives the prices which are charged for purchases on credit in Ishkashim bazaar.

The further businessmen proceed up the valley and visit the houses of their customers the higher the prices grow. The lack of transport – from the central valley it is a five day donkey trip to Ishkashim bazaar –, the lack of price worthy shops within Wakhan – only a few so-called household shops exist in Qazi Deh with very small profit margins, and a small bazaar run by external businessmen with high prices operates in Khandut – force the Wakhi and Kirghiz to appreciate the services of the itinerant businessmen who come to their villages. The customers know that they pay overrated

prices, but there seems to be no option, at least poor. A few households use their camels for the port of bulky goods such as wheat flour all the Yamit, Pigash, Kurut and even to Sarhad-e V (cf. Fig. 1). But they use these means for their peneds alone. No cooperative effort has been state encourage farmers to pool their purchases in Ish bazaar and to gain higher profits from their agric products that way by paying lower prices for the bartered. There is scope for much improvement field which seems to be more advantageous to the gar than to the farmer and animal husbander (Tagar than to the farmer and tagar than to the farmer and tagar than the farmer and t

Band 5

Traditionally the Wakhi had more exchange their Kirghiz neighbours and shared the busi bartering grain for animal products (Tab. 4c). B at those times the local population was quite dep on itinerant traders from Badakhshan and els for the purchase of clothes, tea and other con goods (Fig. 3). The present situation is charac by production deficits in all fields: crop producti livestock-breeding. Consequently the high prices ternal businessmen have an even more detrime fect on the local economy and deprive the poor last resources. Therefore quite a number of hou cannot afford to eat bread for several months a to depend on the collection of any kind of plants" (lakh) mainly from the mountains until the harvest is brought in. In July more than a quarter households had run out of grain stocks alread the next harvest was still two months away. To a this constrained situation the food-for-work gramme of FOCUS (as mentioned above) wa than welcome in times of hardship.

On the other side of the social scale we find successful businessmen from Wakhan who have

Table 3: Village specialists and their remuneration

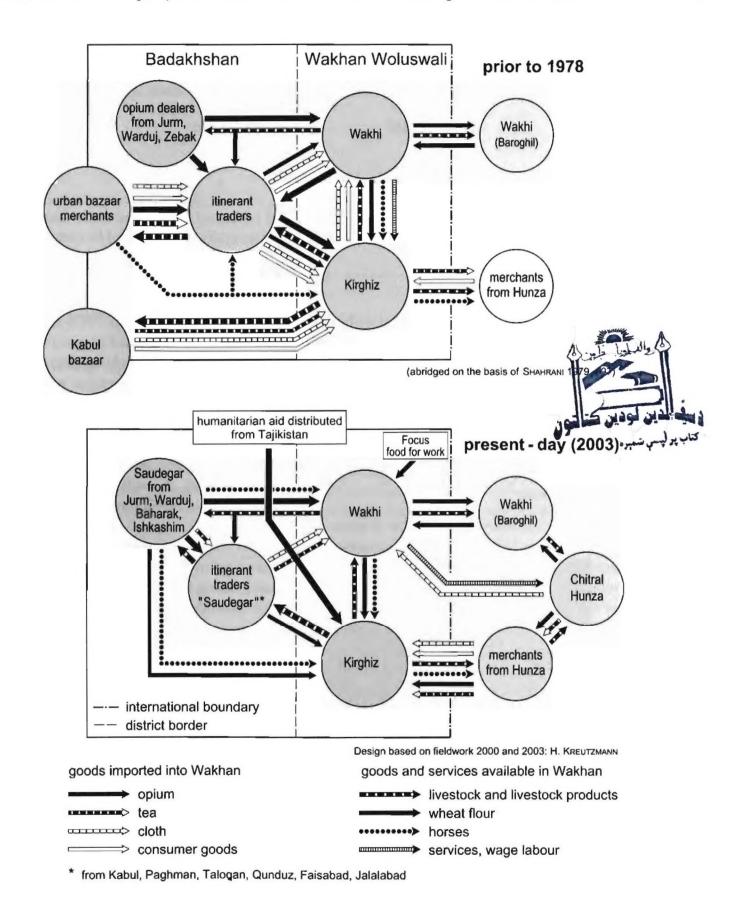
Professionelle Dorfspezialisten und ihre Entlohnung

Profession	Remuneration
Irrigation channel supervisor	Once a year 1 ser of wheat from the participating households
Water-mill owner	From every bag of wheat he receives one small shovel of wheat flour
Blacksmith	Who is in need of the service of the blacksmith will provide the material (scrap irofor the required tool, other households provide the charcoal; all households provide blacksmith for his services with 1 ser of wheat after harvest
Mason and carpenter	All material provided by the customer; food served by him during the days of laboral plus a small remuneration for the work
Weaver of coarse carpets (palos)	Material provided by the customer, as well as food for about four to five days of well as remuneration of 1 ser of wheat per day
Khalifa (Ismaili clergyman)	According to services provided during rites of passage different remunerations app

Source: own survey in July 2003

d to learn from the external saudegar how to make fits. Muminbhoy from Tapc (near Babtangi) and mazonbhoy from Pigash have made a substantial alth from big herds of livestock. They sell regularly out 200 and more animals per year. Both have suc-

ceeded in combining their livestock production and sale with the purchase of goods in favourable markets (a third person – Buribhoy from Yamit – does this on a smaller scale). Thus they purchase sheep from local farmers and Kirghiz nomads and drive them down the



^{3:} Comparison of exchange relations among Wakhi and Kirghiz and with outsiders: pre-1978 and 2003

Vergleich der Austauschbeziehungen von Wakhi und Kirgisen untereinander und mit auswärtigen Geschäftsleuten: or 1978 und 2003

Table 4a: Comparison of prices (in Afghani) for basic goods between Ishkashim Bazaar vendors and itinerant traders in Wakhan Vergleich der Preise (in Afghani) für Grundgüter zwischen dem Bazar in Ishkashim und ambulanten Händlern in V

Commodity	Ishkashim Bazaar (cash purchase)	Ishkashim Bazaar (on credit)	Purchase fi itinerant tr in Wakhan
l kg of black tea (sir choy)	80-90	100	150
l kg of vegetable oil (tel)	45-50	50	100
1 tin of "American oil" (2.7 kg)	200	250	
1 ser of wheat	40-60 (seasonal)	50-70 (seasonal)	200
1 ser of salt (namak)	20-25	30	120
1 ser of rice (bras)	150-160	170-200	300
l kg of beans	25		
1 piece of soap (zabun)	7	10	20
1 matchbox	2	2	5

Note: Here we enquired only about goods which are purchased and consumed in Wakhan, sugar and cigarettes, vegetables and fruit, and other items are available in Ishkashim, but are generally not purchased by customers from V I ser equals app. 7 kg

Source: own interviews in July 2003

valley to the urban centres. Both have succeeded within the last year to purchase a Russian *Ural* truck to participate in the business of bringing *saudegar* and their goods up the valley, provide transport to local people and to construction projects. They have proved that more of the profits in the exchange and barter economy could be realized within the Wakhan community.

4.8 Tourism and trophy-hunting

"Modern" forms of income-generating in remote mountain regions are often linked to service industries in case the mountains are of any attraction to visitors. This is very much the case in Wakhan and the Afghan Pamirs. In this field the region has gained some experiences when mountaineering expeditions visited Wakhan in the 1960s and 1970s. For the villages of Qazi Deh, Wark, Keshnikan, Ptukh and a few others portering and support services became a seasonal source of income. This source dried up in the late 1970s and only in 2003 the first mountaineering expedition (since 28 years) visited Qazi Deh. The impact of this source of income is not really felt and the expectations of the local leaders are not very high towards tourism in general.

Trophy-hunting was well-known in Wakhan due to the seasonal operation of King Zahir Shah's hunting camp in the Great Pamir (Pamir-e Kalan). The location for the regal hunting lodge was the Tolibai valley where King Zahir Shah had hunted a major Marco Polo ram in the late 1950s. Only in 1968 permission was granted for the first overseas safari tours operator to hunt wild sheep in the valley (PETOCZ 1973, 25; PETOCZ et

al. 1978, 1). As early as in 1973 four valleys Great Pamir were identified as game reserves: Strulibai, Manjulak and Abakhan (PETOCZ 1973). Valleys were taken away as grazing grounds from cal Wakhi shepherds and reserved for trophylogranized through Afghantour. For Wakhi joverseers of grazing and hunting restriction provided. Additional small measures could not the loss of grazing grounds to the Wakhi shepher the imposition of restrictions created a constant of dispute.

Due to some opposition from the Kirghiz Rahman Qul trophy-hunting was not brought in Kirghiz grazing grounds in the Great and Little Tourism planning aimed at introducing trekking wildlife viewing. Those were the activities and of the 1970s. Since then a major break-down tourism activities has occurred and no infrastruc left. Nevertheless, given the attraction of Wakh the Afghan Pamirs to European travellers tour appropriate forms could be rejuvenated. Th straints and the potential conflicts between pasti lization for domestic stock and wild animals thoughtful consideration. Any kind of add source of cash income with all its fringe ben drivers, porters, and other staff could help to up region.

5 Wakhan Woluswali – an arena of severe constraints

The above observations and reflections are a ble to the whole of Wakhan Woluswali in its two

le 4b: Purchase of agricultural commodities in exchange with bazaar goods by Ishkashim vendors and itinerant businessmen from Wakhi and Kirghiz (in Afghani and wheat units)

Erwerb landwirtschaftlicher Güter von Wakhi und Kirgisen im Austausch mit Bazarwaren, die von Ladenbesitzern in shkashim und ambulanten Geschäftsleuten angeboten werden (in Afghani und Weizeneinheiten)

mmodity	Ishkashim Bazaar (cash purchase)	Ishkashim Bazaar (sale of the same by the shopkeepers)	Barter with itinerant traders in Wakhan
r of wheat	45–50		
t-tailed sheep	2000-2500	2500-3000	10-15 ser wheat
edium-sized sheep or goat	1500	1700-1800	10 ser wheat
k (one-year-old)			10-15 ser wheat
k 5 to 6 years)			60 ser wheat
w			20-25 ser wheat
			20-40 ser wheat
orse-cover (jhül)	1000-2000		
qurut	4-5 ser wheat or up to 400 Afghani	500	
butter (rughun)	12 ser wheat or up to 800 Afghani	1000	
parse carpet (palos)	1100-1200	1500	

r equals app. 7 kg

ree: own interviews in July 2003

tions, i.e., the Wakhi villages with their system of abined mountain agriculture, their limited cash wand entrepreneurship on the one hand, and the ghiz nomads with their system of mountain-related bile animal husbandry on the other. Any development effort has to take into consideration these two ic strategies of utilizing and exploiting the natural ential of the region. Because of poor other skills,

poor education standards and professional training emphasis needs to be put on the significant uplift of grain and livestock production to cover basic needs on a subsistence level but to provide at the same time market products for necessary bartering (cf. Fig. 3).

Nobody of the interviewees obviously had any knowledge about attempts to exploit other natural resources such as minerals, semi-precious and precious



to 1: Irrigated oases in the upper Wakhan Valley: cultivated fields and habitations of Wakhi Photo: H. Kreutzmann 22.07.2003)

Bewässerungsoasen im oberen Wakhan-Tal: landwirtschaftlich genutzte Felder und Siedlungen der Wakhi

Table 4c: Exchange of commodities between Wakhi and itinerant businessmen and between Wakhi and Kirghiz (in wheat units)

Tausch von Waren zwischen Wakhi und ambulanten Händlern sowie zwischen Wakhi und Kirgisen (in Weizeneinhe

Commodity	Exchange between Wakhi and Kirghiz	Barter with itinerant traders in Wakhan	
1 fat-tailed sheep	12 ser whcat	10–15 ser wheat	
I medium-sized sheep or goat		10 ser wheat	
l yak (one-year-old)		10-15 ser wheat	
I yak (5 to 6 years)		60 ser wheat	
1 cow		20-25 ser wheat	
l ox		20-40 ser wheat	
l horse-cover (jhül)	15-80 ser wheat		
ser qurut	4 ser wheat		
1 ser butter (rughun)	8-12 ser wheat		

1 ser equals app. 7 kg

Source: own interviews in July 2003

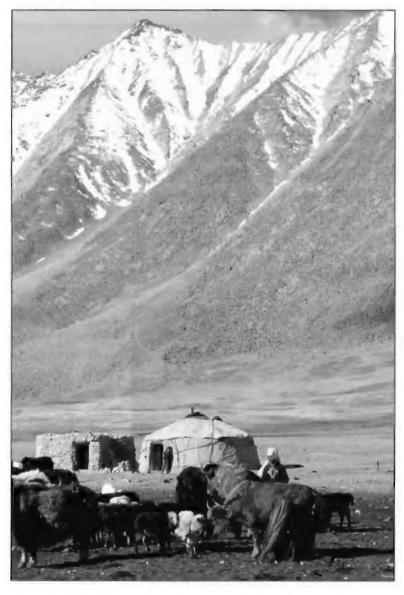


Photo 2: Kara Jilga (4,200 m) in the Little Pamir. Summer camp of the household of Abdur Rashid Khan, head of the Kirghiz community

(Photo: H. KREUTZMANN 11.06.2000)

Kara Jilga (4.200 m) im Kleinen Pamir. Sommerlager des Haushaltes von Abdur Rashid Khan, Oberhaupt der kirgisischen Gemeinschaft stones. This was surprising as the world-renowned lazuli mine of Sar-e Sang (Kokcha), the spinell badakhshan) mines of Gharan, the gold dust washi the banks of glacier-melt water-fed rivers and pot marble quarries of Langar are not that far away.

In general, the impoverished groups have grow nificantly in the last quarter century, more than quarters of the society belong to vulnerable g due to the size of their landholdings, livestock he there is livestock at all) and household circumst Special vulnerable groups are widows with no g up male workforce in their households. Although tem of neighbourhood support services (keriyar) many people cannot afford to participate becalack of own household resources. Another gro vulnerable people includes those households whe workforce is diminished by suffering from lath (due to krosh consumption) and other diseases. A group to be distinguished is that one which cons those households where major assets were lost of opium (teryak) consumption of one or more hous members. This phenomenon applies especia Kirghiz households where during the last quarte tury opium consumption has substantially increa-

The situation in the Kirghiz areas of the Great Little Pamir (cf. Fig. 1) has some special features a need to be addressed here when strategies for possible alleviation are in focus. There is no school, no sho health worker, not a single trained veterinary special the Kirghiz areas at present. The Kirghiz are to dependent on the supply of bread flour from outsethey do not practice crop farming. At those high tudes (above 3,500 m, mainly above 4,000 m) would be not much potential for grain crop cultive either.

This situation which looks bleak is reflected in the cussions about the resettlement in Kyrgyzstan which he prominent in 2000 during our visit with Abdurated Khan. This option has now been ruled out and to option anymore because of different reasons, the negest might be the fading to non-existing interest of Kyrgyzstan government at present and probably in the reasons too, including those of giving up valuable tures for good, loss of certain degrees of freedom some sense of belonging to Afghanistan although ding in the remotest corner.

n former times the Kirghiz showed a strong link to King's court and the bazaar of Kabul (cf. Fig. 3) ere they did the marketing of their livestock and red products. The herd size was significant and the iness brought quite some cash to Wakhan. They ned that much from this market that even some khi households found seasonal and permanent emment in the Kirghiz grazing grounds (cf. SHAHRANI 9). With this they have proved that their economic roach is feasible and valuable. How to improve this ation nowadays? In the mid-1970s Kirghiz nomads he Little and Great Pamirs owned 38,600 sheep and ts, 3,544 yaks, 318 horses, and 83 camels (SHAHRANI 9, 177). In comparison, a quarter century later the I number is much less (Tab. 5). One could argue this proves only that the carrying capacity of the nirs is not fully utilized. But when we compare 333 seholds comprising a population of 1,825 persons ng there in the mid-1970s with the population in 9 of 237 households and 1,264 persons (in 2003 roximately 250 households), then we can calculate in equal terms there should be about two thirds of animals. But our comparison (Tab. 5) significantly ws that horses and camels are there in adequate obers as they are undisposable of because of transt requirements, but the number of sheep and goats nly one third of what it should be and the number aks just two thirds when compared with previous

times. This is strong proof for our observation that market relations have been severed and constrained – thus sheep and goats as the prime market product are there only in small numbers – but the domestic wealth shows shortcomings as well because the size of yak herds – they are predominantly bred for home consumption and utilization (milk, meat, dung, hair, tails) – has significantly diminished. We can conclude that the Kirghiz in the Afghan Pamirs are worse off than previously and that there is scope for improving their livelihoods. Their opportunities of market participation have been severely affected by internal and external political developments. Nomads of the remote corner of Afghanistan are suffering from the societal fragmentation and hampered exchange relations.

Since 1997 there have been some experiments of organizing trade fairs between Kirghiz from Murghab (Pamirski Post) District in Tajikistan and Afghan Kirghiz. A trade fair took place in Ghundjibhoi in the border area between the Little Pamir and Kizil Robat for a few hours on 24th September 2003. Among the 70–80 Kirghiz from each side goods were exchanged: wheat flour, household goods, clothes and diesel from Tajikistan (all goods are taxed by the district authorities) against live animals (fat-tailed sheep) from Afghanistan (information supplied by Erik Engel, Murghab). The Kirghiz from there are renown for their good trading skills by their neighbours from Tajikistan. Similar trade fairs have taken place west of Lake Zor Köl between Alichur Pamir and the Great Pamir of Afghanistan. We could not establish why these trade fairs ceased to exist although there is much more need for exchange in this most remote part of the Pamirs. Trade fairs could also help in the exchange of experiences in livestock breeding as many of the privatised animal husbanders of Murghab District are still in the process of (re-)learning the practices of their grandfathers from the time before collectivization.

The enhanced exchange between Murghab District and the Afghan Pamirs has certain advantages beyond

e 5: Comparison of herd sizes among the Kirghiz in mid-1970s and 1999 in the Afghan Pamirs Tergleich der kirgisischen Herdengrößen Mitte der 1970er Jahre und 1999 im afghanischen Pamir

mals	mid-1970s	1999	1999 percentage of mid-1970s numbers
ep and goats	38600	8836	22.9
	3544	1424	40.2
ses	318	159	50.0
ses nels	83	91	109.6

e: own calculation based on data derived from Shahrani 1979, 177 and FOCUS survey Aug-Sep 1999

pastoral knowledge dissemination. Dearly required supplies and necessary consumer goods (wheat, salt, tea, vegetable oil, pulses and beans, matchboxes and other goods) could easily be transported from Murghab to the Afghan Pamirs as cost-effective motorized access is possible and links to a number of grazing grounds exist. As long as the Wakhan road is not extended which is unlikely in the near future – to the Afghan Pamirs this option could overcome the bottleneck situation in which the Kirghiz are dwelling and suffering at present. All sides could profit from this transborder exchange as cash flow is little on either side of the border. For humanitarian aid distribution permission was previously granted by the Russian border guards to use these supply lines.

6 Conclusions

Globalization and fragmentation were the points of departure to assess the recent developments in Wakhan Woluswali. Although Shah Ismael mentioned in his initial statement that the Afghan state presently seems to be absent it could be established that the activities of certain international, national and regional stakeholders are felt. Control is executed by commanders and government officials to a certain extent. Infrastructure development is left to outside non-profit organizations. The changing conditions in Kabul – the centralization of resources and the "normalization" of political control - effect in the Badakhshan periphery neglect and/or the occasional outside support from NGOs. The fragmented participation of local populations in ex-

change relations, the observed regional and social parities are well embedded in the globalized frame of COOPER's "pre-modern" state or what he quali "failed states" in which governmental control has way to violence and semi-independent groups (Co 2002). The attribution of post-imperial chaos as call for a new legitimate authority from within or outside powers in the form of a new Western imp ism (COOPER 2003) might be overrated and not a able for the Afghan case. Classical forms of state trol, distribution of salaries, gathering of dat statistics are absent. Continuing external interfe and fund releases might stabilize the present go ment in the capital Kabul but it seems not to inc infrastructure development and a general confide the periphery. Alienation and exclusion are re to a much higher extent by the concerned people detrimental effects of belonging to a nation state as being affected by worsening foreign relation border closures, absence of a benevolent admir tion and infrastructure - are felt on a daily basis the hope in future stabilization and improvement meagre. The inhabitants of Wakhan Woluswali fully observe the developments in Kabul and are f to respond to any changes in the framework im ately.

Acknowledgements

The presented findings are based on three jou to Wakhan Woluswali and based on fieldwork th 1999, 2000, 2003. The first visit was under the p



Photo 3: Wakhi mountain farmers in Sarhad-c Wakhan rely for their sustenance on crop cultivation and yak breeding (Photo: H. KREUTZMANN 14.10.1999)

Wakhi-Bergbauern in Sarhad-e Wakhan gründen ihre Existenz auf Getreidebau und Yakzucht

of late Commander Najmuddin Khan and logisticy supported by FOCUS Humanitarian Aid (cf. EUTZMANN 2000b). The second and third journey econducted by both authors with the help of FOCUS manitarian Aid and Agence d'Aide à la Coopéra-Technique et au Développement (ACTED). In CUS we thank Ali Mawji (now AKDN Kabul) and team from Khorog, Tajikistan in 2000. We are parlarly grateful for the logistical support from ACTED tes in Dushanbe, Murghab, Kabul and Taloqan in 3. Special thanks to Engineer Qahar and his team constant support, Karimullah for interpreting and Assef for safe driving and mastering the swollen ier rivers and challenging roads.

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WAKHAN WOLUSWALI IN BADAKHSHAN. OBSERVATIONS AND REFLECTIONS FROM AFGHANISTAN'S PERIPHERY

With 3 figures, 5 tables and 3 photos

SABINE FELMY and HERMANN KREUTZMANN

Gusammenfassung: Wakhan Woluswali in Badakhshan. Beobachtungen und Reflektionen aus der afghanischen Peripheric Die konzeptionelle Wiederentdeckung der "drei Welten" bildet den Ausgangspunkt für eine empirische Untersuchung in em darin als "prämodern" bezeichneten Staatswesen. Afghanistan dient als räumliche Fallstudie für die Gleichzeitigkeit von balisierung und Fragmentierung. Zentralisierte Macht- und Infrastrukturen werden in ihrer Wirkung auf die afghanische pherie untersucht. In einem abgelegenen Teilbereich der Kontrollsphäre der Nordallianz werden die gegenwärtigen ensbedingungen, Austauschbeziehungen und Abhängigkeitsstrukturen vergleichend mit Erfahrungen aus der Zeit vor der revolution 1978 kontrastiert. Aktivitäten internationaler Entwicklungsorganisationen sind durchaus zu verzeichnen, n auch die Zukunstsaussichten eher ein düsteres Bild abgeben. Soziale und regionale Disparitäten scheinen sich zu veräusen und ungleiche Partizipationschancen zu vermehren.

dummary: The rediscovery of "three worlds" is taken as a conceptual point of departure for an empirical survey in a netry which is described in that theory as "pre-modern". Afghanistan is the spatial laboratory for a case study in which the temporaneity of globalization and fragmentation is envisaged. Centralized power and infrastructures are analysed towards reflectiveness in the Afghan periphery. In a remote part of the Northern Alliance's sphere of control an assessment of livelihood conditions, exchange relations and dependency structures is attempted in combination with a comparison of ain aspects from the period prior to the 1978 Saur Revolution. Presently international development organizations are well resented although their activities seem not to affect the poor prospects for the future. Social and regional disparities seem increase and lead to further growth of inequality.

Globalization and fragmentation in Afghanistan's context

Globalization was suggested by its prime advocates he future development strategy for ubiquitous welin the post-Cold War era. Latest at the brink of the millennium it has been observed that fragmentawas an integral part of the same process (MENZEL 8; SCHOLZ 2002). In fact the development gap been nation states and regional disparities inside these existing administrative structures have significantly ened (Kreutzmann 2002). Apologetics of "mod-" structures such as nation states and the discontiry between First and Third World countries seem to ve former concepts. A recent debate even suggests "comeback of three worlds" (MENZEL 2003) and s an influential text by ROBERT COOPER (2002) in ch the world is structured in three categories: postdern, modern, pre-modern. Afghanistan definitely lifies for the last category. The important factor for discussion is the acknowledgement of the existence nation state in which the effects of globalization slightly felt, where fragmentation is the predomit feature of statehood. Warlordism, terrorism, drug nomies, money laundering and organized crime are ehow related to globalization as well as development aid while the society is characterized by exclusion of social groups, restricted access to infrastructure assets and unequal distribution of national resources to a limited number of benefitters. Afghanistan could pose as a role model for this type of "pre-modern" societies. The Afghan society experienced their so-called "internal war" as a world war which was significantly financed by outsiders who supplied mercenaries, landmines, weapons and ammunition from a host of producing countries. Through opium cultivation and its processing into heroin the link to global markets was established, this valuable cash crop found high appreciation in the world market and production figures grew from 200 t in 1980 to culminate at more than 4,500 t in 1999, between two thirds and tree quarters of world consumption are produced in Afghanistan in recent years (UNODC 2003). Afghanistan grew to become the prime supplier of opium derivates for the world.

Sovereignty of the nation state has never been challenged by any contender for supremacy in Kabul during all fightings since the Saur Revolution of 1978. The Islamic State of Afghanistan very much exists and receives international support in the process of constitutionalisation and rebuilding of state functions. During the Petersberg process a centralized approach was

favoured which gave prime influence and superior control to the predominantly Tajik victors of the Northern Alliance. The exclusion of other regions and groups is reflected in the fragmented state of affairs within the country. Pashtun alienation and the regionalization of power such as the rule of Ismael Khan in Herat, the drug economy of the South and the absolute rule of commanders and petty chiefs in a number of locations give ample evidence for the missed chance of an alternative approach (cf. BARAKI 2003; ICG 2003; KREUTZ-MANN 2004). The option of inclusion and representation of regional strongholders in a set-up characterized by decentralised state activities was ruled out. The enhanced fragmentation and polarization within Afghanistan with its concentration in the capital Kabul are obvious to most observers by now.

In this paper we are reflecting about the situation in one of the most remote locations of Afghanistan. The northeastern district of Wakhan Woluswali is embedded in Badakhshan province and has been part of the territory controlled by the Northern Alliance throughout the fight against the Taliban forces. Nevertheless, the effects of the centralized regime, the drug econominfrastructure and communication deficits are seve felt in Afghanistan's periphery. Wakhan Woluswa introduced as a case in point where the shadow power concentration can be exemplified as the resu fragmentation and exclusion.

2 Wakhan - Frame conditions and modernization

Wakhan Woluswali is the administrative term for northeastern narrow appendix-like strip of Afghan ritory. Not only due to its topography and orograthis area has a long record of being neglected with the context of Afghan administration, infrastructed development and spread of social amenities. The stual and political leader of the Wakhi community, S. Ismael from Qala-e Panja, put it this way during conversation: "To what country does Wakhan below the do not know if it is part of Afghanistan, Tajiki or PR of China because we do not feel any interest responsibility of a caring government and long-last

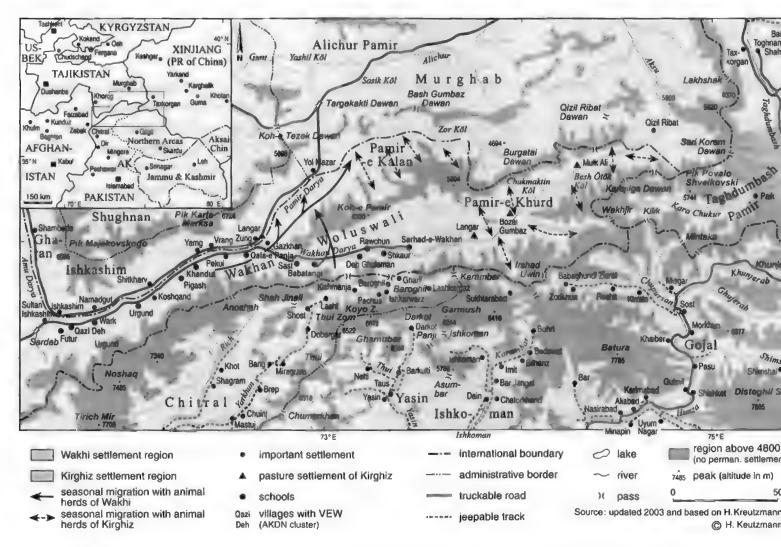


Fig. 1: Settlements, social infrastructure and seasonal migration patterns in Wakhan Woluswali, Afghanistan Siedlungsmuster, soziale Infrastruktur und saisonale Migrationswege in Wakhan Woluswali, Afghanistan

ects of development measures here. Therefore my rticipation in the Loya Jirga and my recent journey call on the ministries in Kabul seem to have been in n" (Interview Qala-e Panja, July 21, 2003).

The territorial area of Wakhan Woluswali (Fig. 1) yers 8,936 km² of mountainous country stretching tween 2,570 m and 7,485 m. Ecological zones vary m desert conditions in the valley bottoms to emisia steppe in medium elevations and to meadows d grassy patches in the higher elevations forming at in local terminology is addressed as *pamer* (high sture in Wakhi language). Thus inhabitable space is arce and confined to mainly two ecological units:

- Agricultural settlements for irrigated crop farming nearly exclusively located in the valley bottoms of the nu Darya and the Ab-e Wakhan between 2,550 m itur) and 3,360 m (Sarhad-e Wakhan or locally more quently called Sarhad-e Baroghil). Irrigated oases situated on alluvial scree slopes, fans and river races within a steppe to semi-desert environment. ose comparatively flat and low-lying regions are the e agro-ecologically suitable areas for irrigated crop ming of cereal and tuber crops such as wheat akhi: ghedim; Triticum aestivum), barley (yirk; Hordeum gare), millet (jirz; Panicum mili-aceum), peas (shakh; um sativum), beans (baqla; Vicia faba), potatoes (kachalu; anum tuberosum) and pulses (krosh; Lathyrus sativus). In all quantities rapeseed (sharsham), vetch and flax are tivated in the lower-lying villages.

 The second ecological area of agricultural interest the high pastures either located in the river valleys ove the settlements in easy reach for proximity stures or daily grazing grounds. The most valuable stures are located in the Little Pamir – Pamir-e Khurd ari) or Kichik Pamir (Kirghiz) – and the Great Pamir – nir-e Kalan (Dari) or Chong Pamir (Kirg.). Those extene natural pastures are the wealth of the region which re praised as far back as during MARCO POLO's vels (POLO 1984, 73). The extended natural grazing ounds offer high quality fodder during the summer onths and permit Wakhi mountain farmers seasonal ge and Kirghiz nomads to keep their herds there year-round (cf. Curzon 1896; Kreutzmann 1996, 01, 2003a, b). In the past the natural fodder resource s permitted a profitable animal husbandry which abled the local Kirghiz to enjoy a substantial degree wealth prior to the Saur Revolution (cf. SHAHRANI 79). Events of the last quarter century have changed gration and utilization patterns and the success of ricultural enterprises dramatically. Herds are usucomprised of mainly sheep and goats (they are the me marketable product of livestock-breeding), yaks he higher elevations (mainly for home consumption

and transport), horses, donkeys, and Bactrian camels (for riding and transport).

The Wakhan Woluswali is inhabited by two ethnic groups (see Fig. 1): Wakhi and Kirghiz. Both groups are on first sight distinguishable by their prime subsistence strategy. The Wakhi mountain farmers follow a strategy which is based on combined mountain agriculture (cf. Ehlers a. Kreutzmann 2000). They speak a language called khikwar or sposik by themselves and Wakhi by others. Wakhi belongs to the Pamirian language group of the Eastern Iranian branch of the Iranian languages within the Indo-Iranian group. Kirghiz pastoralists follow in general a mountain nomadic approach to utilize the high pastures of the Afghan Pamirs. Their Kirghiz language belongs to the Altaic group and is closely related to neighbouring Turkic languages.

Besides language differences, Wakhi and Kirghiz follow different belief systems. Kirghiz communities tra-

^{1) &}quot;Two major strategies are used to utilize the pasture potential of Western High Asia given the ecological constraints and socio-political circumstances. They are nomadic animal husbandry and combined mountain agriculture (EHLERS a. KREUTZMANN 2000):

⁽i) Nomadism incorporates the advantage of mobility. Traditionally nomadic groups were able to exploit natural resources at dispersed locations. Great distances, in the order of several hundred kilometres, separate economically – valuable mountain pastures from winter camp sites, with areas of less economic interest lying between them. Functional migration cycles can be recognized in the region. They generally comprise long stays in high-altitude pastures during the summer with winter grazing in low-lying basins in the northern foothills or the plains of the Inner Asian mountain arc. The nomads depend on being tolerated as a mobile group and being able to pay grazing fees, if applicable, in both areas.

⁽ii) Combined mountain agriculture has the advantage of simultaneous fodder production in the permanent homesteads for herds which are grazed in the high pastures during the summers. The limiting factor here is the provision of up to nine months feed which has to be produced on private or common property village lands. The Wakhi houses are usually located at the upper levels of permanent settlements in single-crop farming areas. Consequently access to the pamir pastures involves shorter migrations and some mobility within the summer habitations. Fodder here is comparatively plentiful but only available for a short period, feed storage and transport to the homesteads are of limited importance. Both approaches can result in competition for natural resources in the same location and they have frequently been discussed from that perspective" (quoted from KREUTZMANN 2003 a).

ditionally comprise of Sunni Muslims, while the Wakhi almost exclusively belong to the Shia Ismaili sect which acknowledges the Aga Khan as their spiritual head. The religious practices influence daily life and local cultures as religious sestivals and rituals play prominent roles beyond rites of passage. Kirghiz culture is characterized by the lifestyle of migrating pastoralists including transitory dwellings in the form of the round feltcovered yurts displaying artefacts of local folklore (cf. DOR a. NAUMANN 1978; KREUTZMANN 2001, 2003a; SHAHRANI 1979). In contrast Wakhi houses are built of stone and mud-plastered walls and are scattered among the village lands in irrigated mountain oases. Wakhi herders migrate to high mountain pastures where simple houses provide shelter. The majority of household members remain in the villages where cultural life is centred (cf. Felmy 1997; Kreutzmann 1996). Both life-styles exhibit close affinities to the different traditions and affiliations of the two groups.

The scattered population is given by the acting-Woluswal, Mullah M. Jon, in Khandut as consisting of 13,400 inhabitants split-up in about 1,100 Wakhi households in the villages located in the valley floor—nearly equally divided between the low-lying western Amu Darya or Pyandsh valley (2,570–2,850 m) and the higher-elevated settlements in the eastern Abee Wakhan valley (2,850–3,360 m). In addition there are 110 Kirghiz kibitka (yurt households or akoi (white yurts), in Wakhi khirgo) in the Great Pamir and 140 Kirghiz households in the Little Pamir, all of them located above 3,500 m a.s.l.

About 80 years ago the population of Afghan Wakhan was given with 3,500 inhabitants while it had doubled when an enquiry by the Afghan Ministry of Planning and Finnconsult was conducted by the mid-1970s (KREUTZMANN 1996, 133). Their findings for Wakhan Woluswali were not very encouraging: "There is hardly any development potential in this area. The living conditions are hard, and development of the basic industries, agriculture and animal husbandry, would be more expensive than direct aid. However the economies of exploiting part of the peat resources available in the Pamirs ... are worth studying. Another probably more realistic way of improving the economy of the people of Wakhan would be to increase organized tourism in this area. A Marco Polo sheep hunting programme organized by the Afghan Tourism Organization has already been in effect for more than 10 years, and also mountain climbing tours have been organized. There is still, however, a good potential for increased tourism in Wakhan" (FINNCONSULT 1976, 26).

The theory of modernization as the only tool for development inspired that enquiry which stamped subsis-

tence-oriented agriculture and animal husbandry traditional and backward while tourism and trop hunting were labelled as modern. When the troj hunting camps were seasonally established the l farmers and husbanders enjoyed for the only tim the year medical services (cf. PETOCZ 1978; PETOC al. 1978).²⁾ The highly sophisticated utilization of ural potential and the generated wealth enjoyed du the same time by very successful Kirghiz pastoralist caped the scrutiny of the bureaucrats and consult of the time. The then leader of the Kirghiz com nity, Haji Rahman Qul (who died in exile in Turke 1990) enjoyed a livestock property of his own wi was equal in size to the combined livestock herd 1,250 households of Wakhi and Kirghiz inhabi Wakhan Woluswali today. His strong leadership the introduction of the amanat system (long term h ing arrangement by giving animals for safe-keepin herders; cf. Shahrani 1979, 179) have proved that fame of the pasture potential of the Pamirs is a property of the region and can be successfully utili Thus the potential of the Wakhan is presently not exploited and scope for improvement is ample.

Nevertheless, present conditions seem to be be and have to be interpreted by their embeddedness global contexts and local conditions. In the following historical background is provided in order to qualify socio-economic assessment of the present survival ditions of the inhabitants of Wakhan Woluswali.

3 Statement of the historical background for the comprehens of the present situation

The administrative unit which is now addresse Wakhan Woluswali was the result of internation boundary creation during the "Great Gast (KREUTZMANN 1996). The area of the Afghan addresser unit was created in the late 19th century we then superpowers Tsarist Russia and British In agreed upon creating Afghanistan as a buffer state. Philosophy of their consensus was that both superpers should in no place of their spheres of influence has common border. Thus neutralized or divided terries such as Persia, Transcaspia, Afghanistan, Xinji

²⁾ Such a luxury was subsequently only available duthe presence of Soviet occupation forces which was his appreciated by the Kirghiz leaders and which enabled to access health facilities in neighbouring Murghab in calcomplications. The present leader of the Kirghiz communications and Khan, has been treated in Murghab hos several times.

I Tibet had to play the role of buffer zones. In khan we are confronted with the narrowest strip of d separating the spheres of influences in any place. e shape of the Wakhan corridor or Wakhan strip is vivid proof of colonial boundary-making with all its g-lasting effects and consequences.

Shan, Shughnan, Gharan, Ishkashim and Wakhan I to be divided into two parts on either side of the Ru Darya. Their respective territories had spread coss the Amu Darya river, but the colonial powers I followed the fashion of the time and that was to ntify major rivers as "natural" boundaries (cf. maps KREUTZMANN 1996, 102). Therefore Wakhan was t into what is now Rajon Ishkashim in Tajikistan I Wakhan Woluswali within the Islamic State of thanistan. The same fate applies to the other former incipalities. They never featured that prominently in ridd politics as Wakhan did.

Both territories of Wakhan have experienced a most erent development since. One could even state that ring the "Cold War" this was not only one of the t-controlled frontiers in the world, but that at the ne time the socio-economic development gap was bably nowhere on earth wider than here. Within the riet Union education and health facilities were exnally supported, highly subsidised and reached a y high standard which is nowhere enjoyed in the ghbouring countries, not to mention in Afghanistan. e centralised Soviet economy supplied Rajon kashim with all necessary food stuffs, fuel, coal and sumer goods at nominal cost based on a road infraecture which was established nearly 70 years ago. e contrast to Wakhan Woluswali could not be big-! Forgotten and neglected within the planning em of the Afghan ministerial set-up Wakhan Wovali did not enjoy any facilities such as roads, pitals, good schools, electricity, telephone lines etc. ile mountain farmers in the Soviet system became fessionals such as medical doctors, engineers and ce workers their Afghan relatives and neighbours to continue to make a meagre living basically n a subsistence-oriented agriculture (KREUTZMANN 0a, 2003b).

since the collapse of the Soviet bloc, all this has nged and the subsequent independence of Tajik-n and other Central Asian Republics was one of its sequences. The living conditions on the right bank the Amu Darya have substantially deteriorated and inhabitants on the left bank of the river got on top heir neighbours by displaying their experiences how run a subsistence-oriented agriculture as they have the for generations in times of severe hardships.

While their neighbours have to go through a process of (re-)learning agricultural practices it is business as usual in Wakhan Woluswali with scope for major improvements.

Boundary-creation in this part of the world had detrimental effects on the exchange relations of the inhabitants of remote mountain valleys such as Wakhan. Kirghiz nomadism was hampered by new barriers and restrictions. M. NAZIF SHAHRANI (1979) coined the term of "closed frontier nomadism" for the practice which has evolved since the hermetic closure of international boundaries. Up to the 1950s Kashgar was their prime trading destination, trade with neighbouring Tajikistan and particularly Murghab had already ceased by 1930 (KREUTZMANN 1996), after the border closures Kabul took its place when once or twice during winter long-distance caravans took off from the Pamirs towards Afghanistan's capital bazaar.

Wakhi mountain farmers have depended on non-agrarian sources of income like most mountain farmers. Their traditional niches included load-carrying, caravan transport, looting and smuggling, and the supply of food to traders, in addition there was a limited scope for trade by themselves. These extra sources dried immediately up when the "Cold War" began. The historical developments are highlighted here in order to emphasize that there are options for the future when border regimes change, communication lines are opened up, road infrastructure is upgraded and exchange relations can be improved. Then price differentials might be utilized between markets which have not enjoyed any communication for nearly three generations.

Thus the dead-end constellation of Wakhan as it appears on the maps could become advantageous in certain niches and incorporates potential for cross-border activities for the regional uplift and improvement of living conditions of the Wakhi and Kirghiz communities. Their interrelationship continues to exist on a mutual exchange basis: Wakhi provide wheat against the offer of Kirghiz livestock. The exchange value of 12 ser (1 ser equals app. 7 kg) wheat per one fat-tailed sheep has not significantly changed since several decades (cf. Tab. 4c below).

After 1978 when the Kirghiz community fled into exile in Pakistan of which some families returned and had good relations with the Soviet occupation forces, inhabitants of Wakhan Woluswali mention brief phases of interest in infrastructure development by the Najibullah regime (1986–1992). After that salaries of teachers did not reach and bureaucratic interest faded. The regime of the commanders has replaced the previous state authorities. As there are not only the three

commanders in charge of border security – there are as well in the major settlements sub-commanders of sometimes little-known functions – the local populations realizes that they have more mouths to feed with their contributions than it was experienced during the rule of Afghan administration prior to 1978.

4 Present constellation

Most commanders of today originate from other areas in Badakhshan, mainly from Baharak, Warduj and Zardeu. Only one commander is of local origin: Fateh Ali Shah comes from Qala-e Panja and is presently in charge of the border security in Sarhad-e Wakhan. The commander in Qala-e Panja by the name of Khalil is supposed to come from Warduj, while the commander of Khandut by the name of Qadir Khan originates from Zardeu.

The regime of the commanders is a burden on the local community. After they had taken all the weapons (two machine-guns and twenty Kalashnikov automatic weapons) away from the local people they installed a regime of wheat contributions and livestock delivery which exert heavy dues and imposed taxation on the poor mountain farmers and nomads. In the perception of local residents they overrated their powers, extracted money resources and other valuables, exploited the scanty livelihoods of farmers and shepherds by taking away 200 livestock and about 3,000 kg of wheat flour in 2001. In addition the barter trade in the field of opium against livestock and/or wheat flour is connected with them as well as with external businessmen from Badakhshan and other provinces. Last but not least the levy of toll tax extracted from businessmen and migrant workers has been a valuable source of income for the border commanders, but slows down mobility and exchange at the same time.

Presently this situation seems to change for the benefit of the local residents as the commanders are supposed to draw a provincial salary and are expected to refrain from previous forms of exploitation. To what extent this coincides with reality could not conclusively be established since no salaries were paid in 2003 by the Karzai Government. The aim of local residents is to be confronted with a less exploiting form of local administration and a bureaucracy which concentrates its energies on the improvement of livelihoods and (re-)construction of basic infrastructure. The global influence will be felt when some of the international funds allocated by the recent Bonn conference will reach Wakhan in one way or the other. For inhabitants of Wakhan the dual structure of external rule infers substantial extra costs to date.

4.1 Power relations and social structure

At present the external influence in Wakhan W wali is imposed along two lines:

- Woluswali: civil administration as represented the Afghan administrative and bureaucratic set here visible through an acting-Woluswal in the performance of Mullah M. Jon in Khandut who claims to bureaucrat and a civil judge as well. Very few pershowed any esteem for him as a more powerful our appointment (which is not uncommon) for the is expected sometime in the future. As basically noticeable impact by the presence of a Wolusadministration is felt it seems to be a long way bathe former influence which terminated more or let the 1980s.
- Commander system: control institutions through Badakhshan commander system. During the tin Najmuddin Khan (killed in November 1999) who in charge of Eastern Badakhshan strict control regional planning were exercised. The substa growth of Ishkashim bazaar is due to his planning he outlined to us in an interview in October 1 and had a major impact on the local economy. W Wakhan the regime of the commanders is felt regime of exploitation and heavy taxation withou beneficial impact. Livestock tax, flour tax and to are the areas where dues are extracted. Since Karzai Government has taken its office and since S is in charge of Eastern Badakhshan the exploit impact is less felt in Wakhan, but the situation is far from being satisfactory.

The inner structure of the two ethno-linguistic munities in Wakhan is quite different from the enally imposed groups but as well within as their patices and strategies for generating livelihoods and social and denominational traditions vary:

- Wakhi community: within the Wakhi common power structures are related to affiliations of the for social structure. Since the former ruler of Wakhan Ali Mardan Shah, went into exile in Ishkoman (no days Pakistan) in 1883, the ruling family was strong influential through his younger brothers, Sarbulan Shah and Nasiruddin, who returned to their proping Qala-e Panja after exile (KREUTZMANN 1996, But after their death (around 1936) the former rule households (miri, shana) have lost their previous death position, but are to be classified among the beand better-off landowners with remote influence politics.

Stronger influence is exercised by the saiyid (or families who represent the Ismaili elite of the detralized pir system. It stems from that time when

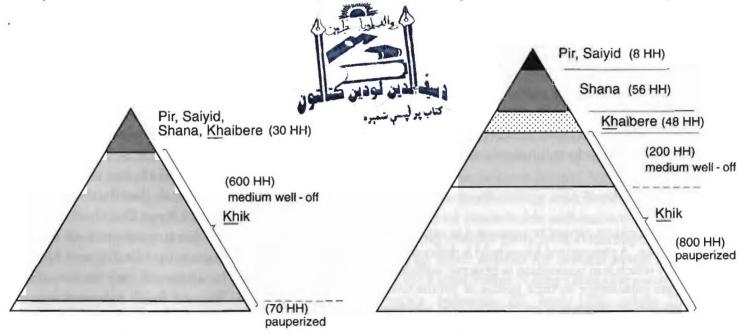
a Khan was far away and not regarded as the sole nd of the community in daily life affairs. The auritative position with a regional impact was held by pir. Each household in Wakhan is affiliated with one or the other and belongs to the followership (murid) one specific pir. In Wakhan two pir reside. Both fams are former refugees from Soviet persecution in ntral Asia during the 1920s and 1930s and fled from right bank of the Amu Darya to the left bank in 32 (cf. Kreutzmann 1996, 370) where they had aldy landholdings and a sizeable followership. The der of the community is Shah Ismael, pir in Qala-e nja (formerly from Shirgin, Rajon Ishkashim, Gorno dakhshanskaja Avtonomnaja Oblast (GBAO)). He ceeded his father, Saiyid M. Shah, in 1990. Approxately 450 households (out of 1,100 Ismaili houseds) are his followers. Senior to him in age and being uncle is the pir of Qazi Deh, Shah-e Langar (forrly of Zung, Rajon Ishkashim, GBAO) with a slightly aller followership. The remainder of the Ismaili iseholds is affiliated with the pir of Zebak (outside khan on the road from Ishkashim towards Shah m pass and Chitral). In civil life pir and saiyid (their atives) households have been among the better-off l leading families (Fig. 2). Within the remainder of society there are the village elders (arbab) and a up called khaibere who enjoyed in the traditional soy special rights (e.g. being exempted from load-carng duties and certain taxes). These elite households in general more affluent than the remainder of the iety if they are not stricken with a domestic opium blem. The ordinary people (khik) are more or less al in political influence but still stratified in social

terms. Of them about one fifth is in a medium position while four fifths are living in very poor conditions. They belong to the majority of pauperized people who during our visit were short of food grains and had to live on dried green plants (*lakh*) which they had predominantly collected in the mountain valleys and which are cooked for consumption as soup.

When M. NAZIF SHAHRANI studied the region in the mid-1970s he observed a social stratification of 25–30 affluent households (including miri, shana, saiyid, khaibere), 600 medium well-off households and 70 pauperized households (= 10%; SHAHRANI 1979, 62–64). In our estimate (Fig. 2) the so-called upper class is composed of roughly 110 households, which enjoy a modest living standard, only the pir households and a few successful businessmen emerge from this group as wealthy. The remaining one thousand households are split-up in 200 medium well-off and 800 pauperized households³⁾ in the strict sense. The comparison reveals that during more than a quarter century the number and the societal share of the poor have significantly grown.

– Kirghiz community: The Kirghiz social set-up is quite different from the Ismaili structure. Although Shah Ismael as the representative of Wakhan in the Loya Jirga takes interest in the Kirghiz affairs and has discussions with Kirghiz leader Abdurrashid Khan from time to time the Sunni nomadic community is differently structured and had its own observer in Kabul.

During the rule and leadership of Haji Rahman Qul the Kirghiz ranged among the most affluent groups of northeastern Afghanistan. Rahman Qul was probably the richest person in the Pamirs and has proved that af-



Source: data for mid-1970s according to Shahrani 1979, data for 2003 according to fieldwork by authors

Design: H. Kreutzmann 2003

2: Social structure and the comparison of pauperized groups among Wakhi since mid-1970s and 2003 sozialstrukturaufbau und der wachsende Anteil Armer in der Wakhi-Bevölkerung seit Mitte der 1970er Jahre und 2003

fluence and remoteness can co-exist. The downfall of the Kirghiz began with their exodus into Pakistan, four years of exile there and the resettlement of the majority in Turkey. The Kirghiz community we are discussing here is the followership of Abdurrashid Khan, about 50 families returned under his leadership to the Afghan Pamirs between 1979 and 1982. In the Great Pamir about 110, in the Little Pamir about 140 households are residing. As there is no landholding and only animal herd size as the measurement of wealth it becomes quite obvious that the clan (seven households) of Abdurrashid Khan with more than 300 animals (62 yaks, 248 sheep and goats) is among the affluent ones, but that the clan (seven households) of Haji Osmon in Wakhjir with 640 animals is stronger as well as the clan (5 households) residing in Birgüt Uya with 450 animals. Other flock sizes in the Little Pamir could be very small such as 21 animals for three households (data according to FOCUS survey, Aug-Sep 1999). Political influence is strongest with Abdurrashid Khan who is said to be quite amicably linked to the security personnel on the northern side of the boundary. In local esteem the Kirghiz in Little Pamir fare better than the Kirghiz of the Great Pamir. The latter are suffering from the remotest location and very limited exchange opportunities (only with Tajikistan) while the Little Pamir is controlling a central position towards Pakistan, China and Tajikistan. The regime of the commanders is detrimentally felt here as well especially in respect to livestock taxes and toll tax for passage and commodities.

4.2 Infrastructure development

A lack of basic amenities is visible everywhere in Wakhan Woluswali and the region could be described as a remote, somehow "forgotten" (as Shah Ismael puts it) valley and a cut-off location in many ways when it comes to the participation in infrastructure development in the past and the present. The detailed report given here is based on interviews in several villages and with experts and might help to understand the intricacies of being cut-off from social and infrastru amenities and being incorporated in national global contexts at the same time.

The infrastructure life-line of Wakhan is the 192 long truckable dirt road from Ishkashim through valley bottom all the way to Sarhad-e Wakhan. T the road terminates and has no connection to a the Kirghiz communities. The road was construct different sections during the Daud regime which i appreciated by the local inhabitants as the most cated to infrastructure development in Wakhan. bridges were erected in the 1970s, two with the of the Deutsche Gesellschaft für Technische Zusammer (GTZ) close to Qala-e Panja.

The present situation is like this. After FOCU cided last year to terminate the distribution of hu itarian aid to Wakhi households (which they had b in 1997) they shifted to a food-for-work programm road construction in 2003. FOCUS has offered months of road work this year in which nearly a lage communities and all households (i.e. Wakhi ple) participated. In the initial part of the road mencing from Ishkashim up to Qazideh via l bridges and culverts have been constructed (in a c erative effort with Afghan Aid). All the rest of the maining 175 km stretch through the valley needs i more work in bridges and culverts. The food-forprogramme covered basically the easy to be rep sections of the road while all sections which wou affording engineerial participation and higher tech and material input were excluded. As innumerable gation channels and ditches cross the road align culverts would be the only sensible solution in the run to avoid constant destruction of water courses

Major obstacles especially during July-August glacier melt is at its peak are faced by rivers and riv which have to be crossed as bridges are missing or feasible for donkey transport. A third category of I lems is created by swampy sections of the road w groundwater levels are close to the surface and bogs and swamps are to be crossed. There wou scope for much more roadwork, but as the teamle of the FOCUS food-for-work distribution program Azmudin, who originates from Faizabad, put it: ' local food deficit has been measured as up to months deficiency (survey by FOCUS and Unicef donor funds could be attracted only for two mont road construction. We will finish the work soon a season is short, and the road will not be in a good dition" (Interview Ishkashim, July 25, 2003).

Despite the unsatisfactory manner in which the work was accomplished, the impact of the imp ment of the road is not negligible. The observ

³⁾ Poverty in this context cannot be measured in categories of monetary income. A pauperized household is defined as a living community which is in no position to generate sufficient food for a meagre subsistence by their means of production. All those households are dependent on external food supplies and/or grants from welfare institutions for their survival. Historical reports always mentioned a substantial share of pauperized households to illustrate the general bleak picture of livelihoods in Wakhan (cf. Kreutzmann 1996). The average household size ranges between 8-11 persons.

t only three vehicles are owned by residents from khan Woluswali disguises the fact that the road invement has increased exchange between Ishkashim that and Wakhan. Two Russian *Ural* trucks transport inly the goods of itinerant saudegar (businessmen) up valley who barter goods with local residents against stock. Although most people have no direct benefit in road construction many interview partners mended the road with high priority. This relates to the sectation that extremely high prices are presently shed by businessmen due to the lack of good accessity and that basic consumer goods would be availed at reasonable prices and sufficient quantities once road has been improved.

Azmudin of FOCUS mentioned that there are tentaplans of extending the road to the Afghan Pamirs
Fig. 1). This is a priority put forward by the Kirghiz
nmunity who sees in the long run more trading potial within Afghanistan and via an Afghan road netk than with cross-border traders where the unconlable international and bilateral political climate is
ecting mutual relations and economic opportunities.

us decisions taken in Kabul, Islamabad and
shanbe governs whether borders are open or closed.

ring our interviews the passes leading into Pakistan
re closed due to bilateral political collisions.

The access to the Great Pamir would be via Gazkhan Fig. 1) and would cover a distance of 100 km. e connection to the Little Pamir is envisaged from had-e Wakhan via Langar and Bozai Gumbaz closa distance of 90 km. Both alignments would trase very difficult terrain and then connect with trucke tracks which are to be found in the Little Pamir n the times of Soviet occupation and which would nect all the way to the Tajik border at Kizil Robat Ghundjibhoi. The Great Pamir access would cont to the link at the Tajik border west of Zor Köl lake. At present no electricity is provided anywhere bees the two or three generators in affluent households. dro-electricity could be tapped in many decentral-I places, as well as wind or solar energy as a contible source. It should be mentioned that there are ther post office nor postal and telecommunication vices available to the public of Wakhan Woluswali. ere is a telephone line managed by the commanders harge, but reports about its usefulness are quite conersial as is the state of poles and lines which are visalong the road.

Agriculture

The agro-ecology of Wakhan Woluswali is diverse can be divided in four zones:

- The lower part of the valley (2,550-2,700 m) enjoys most favourable conditions for cultivation. Here crop farming is the dominant factor of combined mountain agriculture and livestock-keeping is of secondary importance. A few animals are kept, but nobody approaches remote summer pastures, all animals are put on proximity pastures on a daily basis. The cultivars are composed of wheat, barley, beans and peas. Small parcels contain millet (Panicum miliaceum), alfalfa (Medicago sativa), clover (Trifolium) and other leguminous plants. A growing importance can be attributed to kitchen gardens with a selection of vegetables.
- The central part of the valley (2,700-2,900 m) is characterized by a fading importance of beans in the selection of cultivars. Livestock gains in importance and for some better-off households herds can get to sizes which make it feasible to send them to remote summer grazing grounds in the Great Pamir where Wakhi villages have traditional grazing rights (cf. Fig. 1).
- The upper part (mainly villages located in the Ab-e Wakhan valley, 2,900–3,600 m) features only wheat, barley, peas and *Lathyrus sativus* (*krosh*) as bread crops, no bean cultivation anymore. Animal husbandry becomes more important and herd sizes in general, but especially of the better-off people increase substantially.
- The Great and Little Pamir (above 3,500 m) are devoid of any cultivation, only in Langar some fields have been developed. Generally these are the graz-ing grounds of the Kirghiz nomads, although the western part of the Pamir-e Kalan is reserved for summer grazing by Wakhi shepherds (cf. Fig. 1). There are no disputes about pastures in this part. In contrast, here is still ample scope for bigger herds as pastures fed many more animals during the 1970s.

Besides this stratification based on orography, agricultural practices and traditions there is in all zones a wide variation in land-holdings and herd sizes. The most affluent household of Qala-e Panja easily outnumbers the poorest farmer by a factor of 30 when it comes to landholding and herds. There are quite a number of households without any livestock or the occasional cow for daily milk consumption.

The same applies for animal herds among Kirghiz. In the Great Pamir (Chong Pamir) the ownership of sheep varies between 28 and 120, while in the Little Pamir household ownership could be as low as 1–2 sheep, and as high as 70–75 per yurt (according to FOCUS livestock census 1999). The assessment of crop-farming and livestock-breeding has to keep this variability in mind. As stated above the number of

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